



Allen-Bradley

Isolator Module for Motor Protection Circuit Breakers

- Isolates the load for highest safety of equipment and staff
- Prevents unauthorized reconnection of power
- Padlock capability
- Ideal for preventive maintenance / plant shut downs
- Permits testing of circuit breakers and auxiliaries while disconnected
- Suitable for Allen-Bradley Circuit Breakers 140M-C and 140M-D

**Rated
to 65 kA**

Bulletin 140M-C-TRE

Ideal for Maintenance and Commissioning

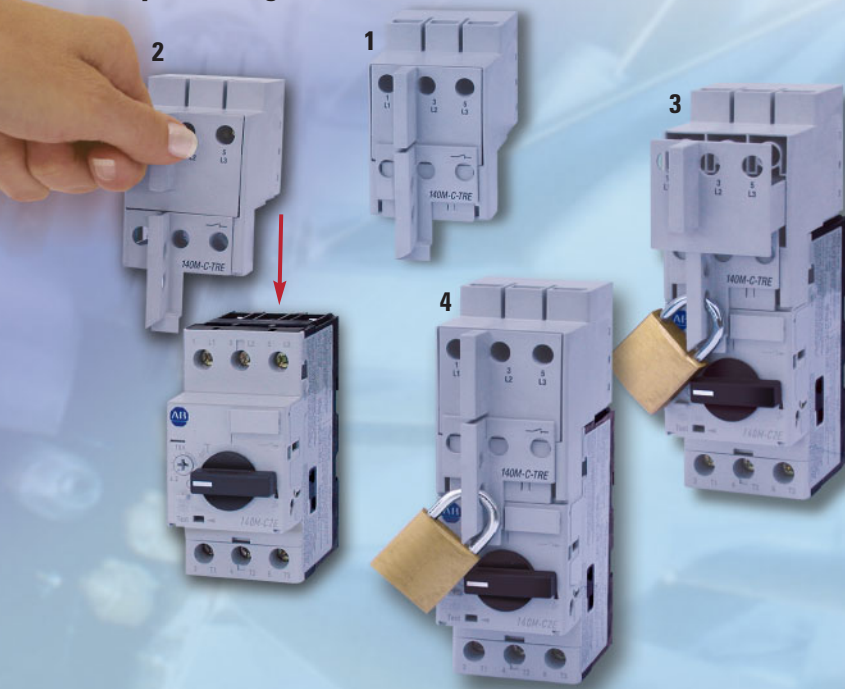
- The 140M-C-TRE Isolator Module device allows the user to individually isolate Allen-Bradley Circuit Breakers 140M-C and 140M-D provides for safe isolation when performing loadside maintenance, scheduled testing or shutdowns.
- The design of the Isolator Module allows for the Motor Protection Circuit Breaker, Auxiliaries and Contactors to be tested for correct function while being disconnected from the power supply.

Product Profile

AB Spares

**Rockwell
Automation**

Easy Handling



1 Unique design ensures trouble free operation. Ability to retrofit on existing systems.

2 Simple attachment to Motor Protection Circuit Breakers 140M-C and 140M-D.

3 Isolation latch can be padlocked to safely isolate the load. This position facilitates testing of auxiliaries with load disconnected and locks isolation latch in position.

4 Can be padlocked to prevent unauthorized removal of isolation latch. Normal operation of circuit breaker is permitted.

Isolator Module for Motor Protection Circuit Breakers 140M-C and 140M-D up to 25 A

Cat. No.
140M-C-TRE

Product Selection: Motor Protection Circuit Breakers

Rated Operational Current (I_n)	Motor Current Adjustment Range	3-Phase Hp Ratings [HP]**	Max. kW, 3-Phase	Ultimate Interrupting Current [kA] (I_{cu})		Cat. No.
				400V	480V	
[A]	[A]	460V (60 Hz)	400/415V (50 Hz)	400V	480V	
C-Frame						
0.16 A	0.10...0.16	—	0.02	100*	65	140M-C2E-A16
0.25 A	0.16...0.25	—	0.06	100*	65	140M-C2E-A25
0.40 A	0.25...0.40	—	0.09	100*	65	140M-C2E-A40
0.63 A	0.40...0.63	—	0.12...0.18	100*	65	140M-C2E-A63
1.0 A	0.63...1.0	—	0.25	100*	65	140M-C2E-B10
1.6 A	1.0...1.6	0.5...0.75	0.37...0.55	100*	65	140M-C2E-B16
2.5 A	1.6...2.5	0.75...1	0.75	100*	65	140M-C2E-B25
4.0 A	2.5...4.0	1.5...2	1.1...1.5	100*	65	140M-C2E-B40
6.3 A	4.0...6.3	3	2.2	100*	65	140M-C2E-B63
10 A	6.3...10	5	3.0...4.0	100*	65	140M-C2E-C10
16 A	10...16	7.5...10	5.5...7.5	50	30	140M-C2E-C16
20 A	14.5...20	—	7.5...10	15	30	140M-C2E-C20
25 A	18...25	15	11	15	25	140M-C2E-C25
D-Frame						
2.5 A	1.6...2.5	0.75...1	0.75	100*	65	140M-D8E-B25
4.0 A	2.5...4.0	1.5...2	1.1...1.5	100*	65	140M-D8E-B40
6.3 A	4.0...6.3	3	2.2	100*	65	140M-D8E-B63
10 A	6.3...10	5	3.0...4.0	100*	65	140M-D8E-C10
16 A	10...16	7.5...10	5.5...7.5	100*	65	140M-D8E-C16
20 A	14.5...20	—	7.5...10	50	65	140M-D8E-C20
25 A	18...25	15	11	50	65	140M-D8E-C25

* In combination with 140M-C-TRE Isolator Module, rated up to 65 kA

** Horsepower/kW ratings shown in the table above are for reference. **The final selection of the Motor Protection Circuit Breakers depends on the actual motor full load current and service factor.**

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140M-C-TRE mounted on...	a	b	c	d	e
140M-C	44.7	75.55	58.9	2.85	134.9
140M-D	44.7	85.55	58.9	12.85	134.9

Dimensions

